



#3/Pre-a
Hawkins
5/29/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazuhiko YAMANOUCHI

Art Unit :

Serial No.:

Examiner :

Filed :

Title : SURFACE ACOUSTIC WAVE SUBSTRATE AND SURFACE ACOUSTIC
WAVE FUNCTIONAL ELEMENT

Assistant Commissioner for Patents
Washington, DC 20231



22511

PATENT TRADEMARK OFFICE

PRELIMINARY AMENDMENT

Dear Sir:

Before examining the referenced application on the merits, please amend the application as outlined below:

IN THE CLAIMS

Please amend the claims as follows [a marked up copy of the amended claims is provided in Appendix A]:

11. (Amended) A surface acoustic wave functional element comprising a surface acoustic wave substrate, the surface acoustic wave substrate comprising:

a piezoelectric or electrostrictive substrate having large electromechanical coupling coefficient; and

a thin film formed on said substrate and having variation characteristics of frequency of a surface acoustic wave relative temperature variation opposite to that of said substrate,

wherein said substrate is a LiNbO_3 substrate having a cut angle of rotated Y plate

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